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MC GUIRE WOOD LLP
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HAND DELIVER

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/978,271	10/17/2001	Chan Jae Lee	06161.0014.NPUS00	4445

TITLE OF INVENTION: FIELD EMISSION DISPLAY DEVICE HAVING CARBON NANOTUBE EMITTER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	02/25/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
QUARTERMAN, KEVIN J	2879	313-496000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. McGuireWoods LLP

2.

3.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Samsung SDI Co., Ltd.

Suwon, The Republic of Korea

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee☒ Publication Fee☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 23-1951 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) Hae-Chan Park

Reg. No. 50,114

02/24/04

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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02/27/2004 FMETEK12 00000023 09978271

01 FC:1501
 02 FC:1504
 03 FC:8001

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TRANSMIT THIS FORM WITH FEE(S)

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February 24, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RE: Application No. 09/978,271
Filed: October 17, 2001
**FIELD EMISSION DISPLAY DEVICE HAVING CARBON NANOTUBE
EMITTER**
Inventor: Chan-Jae LEE, *et al.*
Our Ref: 6161.0014.AA

Sir:

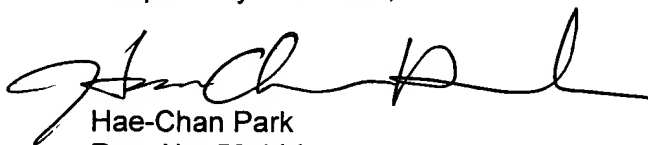
The following documents are forwarded herewith for appropriate action by the U.S.
Patent and Trademark Office:

1. A Transmittal Letter;
2. An Issue Fee Transmittal;
3. Our check no. 157731 in the amount of \$1,660.00 to cover the Issue Fee, Publication Fee, and Advanced Copies; and
4. Two Acknowledgement postcards.

It is respectfully requested that the attached copy of the postcard be stamped with the filing date of these documents and returned to our courier.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 23-1951 referencing docket number 6161.0014.AA.

Respectfully submitted,



Hae-Chan Park
Reg. No. 50,114

HCP/tmk
Enclosures